

AUG. 7. 2007 5:32PM

NO. 1016 P. 5

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05/18/2007

EDWARDS ANGELL PALMER & DODGE LLP
P.O. BOX 55874
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Pamela Sarno

(Depositor's name)

Pamela Sarno

(Signature)

August 7, 2007

(Date)

08/08/2007 FMEITEK12 00000023 041105 10684262

01 FC:1501 1400.00 DA
02 FC:1504 300.00 DA
03 FC:1504 300.00 DA

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/684,262 | 10/10/2003 | Kiwamu Morita | 60048 (70904) | 1726 |

TITLE OF INVENTION: GEAR-DRIVING-SYSTEM DESIGNING SYSTEM

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 08/20/2007 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|-----------------------|----------|----------------|
| THANGAVELU, KANDASAMY | 2123 | 703-006000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 David G. Conlin

2 William J. Daley, Jr.

3 Edwards, Angell, Palmer & Dodge LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Sharp Kabushiki Kaisha

Osaka, Japan

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☒ Issue Fee
☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies 10

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☐ Payment by credit card. Form PTO-2038 is attached.
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5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

William J. Daley, Jr.

Date

August 7, 2007

Typed or printed name

William J. Daley, Jr.

Registration No.

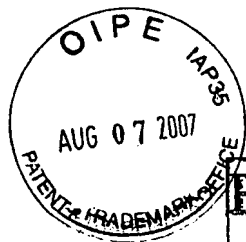
35,487

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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NO. 1016 P. 1



FAX TRANSMISSION

DATE: August 7, 2007

PTO IDENTIFIER: Application Number 10/684,262-Conf. #1726
Patent Number

Inventor: Kiwamu Morita et al.

MESSAGE TO: US Patent and Trademark Office

FAX NUMBER: (571) 273-2885

FROM: EDWARDS ANGELL PALMER & DODGE LLP

William J. Daley, Jr.

PHONE: (617) 517-5556

Attorney Dkt. #: 60048(70904)

PAGES (Including Cover Sheet): 3

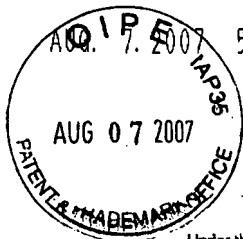
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NO. 1016 P. 2

PTO/SB/97 (09-04)
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Application No. (if known): 10/684,262

Attorney Docket No.: 60048(70904)

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Pamela Samo

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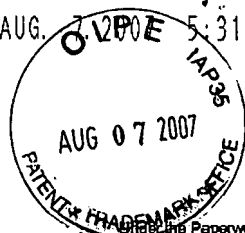
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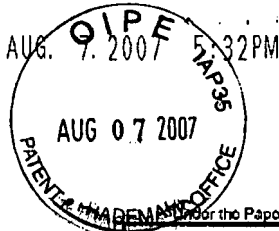
| | | | |
|--|--|------------------------|------------------------|
| TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small> | | Application Number | 10/684,262-Conf. #1726 |
| | | Filing Date | October 10, 2003 |
| | | First Named Inventor | Kiwamu Morita |
| | | Art. Unit | 2123 |
| | | Examiner Name | Thangavelu, Kandasamy |
| Total Number of Pages in This Submission | | Attorney Docket Number | 60048(70904) |

| ENCLOSURES (Check all that apply) | | |
|--|--|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|-----------------------------------|----------|--------|
| Firm Name | EDWARDS ANGELL PALMER & DODGE LLP | | |
| Signature | | | |
| Printed name | William J. Daley, Jr. | | |
| Date | August 7, 2007 | Reg. No. | 35,487 |

| | |
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| Dated: August 7, 2007 | Signature: (Pamela Samo) |

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| | | | |
|---|--|--------------------------|------------------------|
| FEE TRANSMITTAL For FY 2007 | | Complete if Known | |
| Effective on 12/09/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4018). | | Application Number | 10/684,262-Conf. #1726 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Filing Date | October 10, 2003 |
| | | First Named Inventor | Kiwamu Morita |
| | | Examiner Name | Thangavelu, Kandasamy |
| | | Art Unit | 2123 |
| TOTAL AMOUNT OF PAYMENT | | Attorney Docket No. | 60048(70904) |
| (\$) | | 1,730.00 | |

| | |
|--|---|
| METHOD OF PAYMENT (check all that apply) | |
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| <input checked="" type="checkbox"/> Deposit Account | Deposit Account Number: 04-1105 |
| Deposit Account Name: Edwards Angell Palmer & Dodge LLP | |
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| | | | | | | | |
|---|---------------------|---|----------------------|----------------------------------|-------------------------|------------------------------|-----------------------|
| FEE CALCULATION | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | |
| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
| Application Type | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fees Paid (\$) |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |
| 2. EXCESS CLAIM FEES | | | | | | | |
| Fee Description | Fee (\$) | Small Entity Fee (\$) | | | | | |
| Each claim over 20 (including Reissues) | 50 | 25 | | | | | |
| Each independent claim over 3 (including Reissues) | 200 | 100 | | | | | |
| Multiple dependent claims | 360 | 180 | | | | | |
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | | | |
| - 20 = | x | = | | Fee (\$) | Fee Paid (\$) | | |
| HP = highest number of total claims paid for, if greater than 20. | | | | | | | |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | | | | |
| - 3 = | x | = | | | | | |
| HP = highest number of independent claims paid for, if greater than 3. | | | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) | | | |
| - 100 = | /50 = | (round up to a whole number) x | | | | | |
| 4. OTHER FEE(S) | | | | | | | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | Fees Paid (\$) | | | |
| Other (e.g., late filing surcharge): 1501 Utility issue fee | | | | 1,400.00 | | | |
| 1504 Publication fee for early, voluntary, or normal ... | | | | 300.00 | | | |
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| | | | |
|---------------------|-----------------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 35,487 |
| Name (Print/Type) | William J. Daley, Jr. | Telephone | (617) 517-5556 |
| | | Date | August 7, 2007 |

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